

FM Series

Water Conditioning System

Enjoy Softened Water Throughout Your Home



In the bathroom . . .



In the laundry . . .



In the kitchen . . .

*Economical Water Conditioning System **SAVES You Money!***

- *Eliminate Soap Scum*
- *Save on Cleaning Products*
- *Clothes Wash Up Cleaner*
- *Soft, Lustrous Hair*
- *Water Using Appliances Last Longer*
- *Increases Water Heater Efficiency*

- *Meter Demand*
- *Save up to 50% on Salt*
- *Non-Corrosive Noryl™ Valve Body*

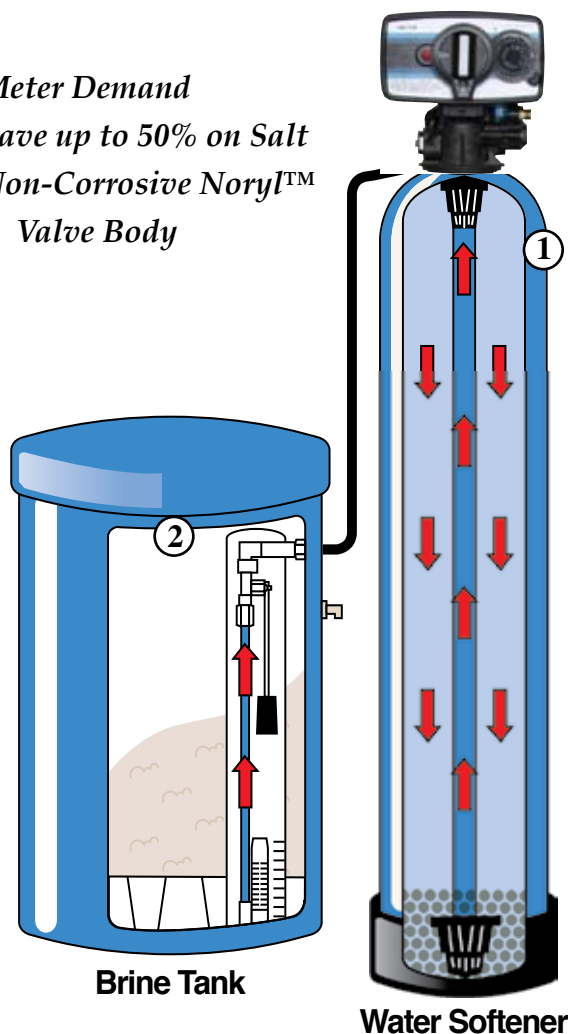
**Hellenbrand®**



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Water Conditioning System

- **Meter Demand**
- **Save up to 50% on Salt**
- **Non-Corrosive Noryl™ Valve Body**



- Solid one-piece Noryl valve body assures durability and long life. No need to worry about corrosive water damaging the valve.
- A single motor drives the valve without the problems of springs, microswitches or solenoids.
- Rugged 3/8" gears assure accurate alignment with no stripping.
- Time controlled brine refill assures accurate salting with no float valve to malfunction.
- Easy adjustable salt settings.
- Full flow bypass valve is standard.
- FM-Series meter accurately measures soft water outlet flow as low as 0.15 gpm and as high as 15.0 gpm.
- Non-sticking Teflon coated piston inside large seals & spacers allows sediment in water to pass through without damaging the unit.

How Does A Water Softener Work?

1. Hard water enters your water softener (1) and passes down through the ion exchange resin, which are charged with sodium ions. The hard water ions (calcium and magnesium) are attracted to the ion exchange resin and an equal amount of sodium ions are bumped off into the water supply. When the water reaches the bottom of the tank, it is softened and ready to be used in your home and business.
2. When the ion exchange resin is saturated with calcium and magnesium (hard water ions) it must be recharged. (2) A strong brine solution enters the tank and flushes the calcium and magnesium ions off the ion exchange resin and attaches itself.
3. A final rinse process ensures that any unused brine is rinsed from the system and your (1) water softener is now fully recharged and ready to provide you with soft water.

Specifications

DEMAND MODEL NAME	MINERAL CU. FT.	LOW SALT GRAINS/LBS.	CAPACITY MED. SALT GRAINS/LBS.	HIGH SALT GRAINS/LBS.	SERVICE FLOW RATING GPM/PSI	FLOW RATE @ 15 PSI	BACK WASH RATE GPM	MINERAL TANK (INCHES)	BRINE TANK		FLOOR SPACE (WxHxD)
									TANK SIZE (INCHES)	SALT STORAGE (POUNDS)	
FM-800	0.50	9,800/3.0	14,100/5.0	16,600/7.5	6.1/6.8	11	1.2	7 x 44	18 x 33	300	26x52x19
FM-1200	0.75	14,700/4.5	21,200/7.5	24,900/11.3	8.4/9.7	11.5	1.5	8 x 44	18 x 33	300	27x52x19
FM-1600	1.00	19,600/6.0	28,200/10.0	33,200/15.0	10.0/10.7	12	2.0	9 x 48	18 x 33	300	28x56x19
FM-2250	1.50	29,400/9.0	42,300/15.0	49,800/22.5	9.7/10.3	12.5	2.4	10 x 54	18 x 40	300	29x62x19
FM-3000	2.00	39,200/12.0	56,400/20.0	66,400/30.0	12.0/11.6	13.5	3.0	13 x 54	18 x 40	375	32x62x19
FM-4500	3.00	58,800/18.0	84,600/30.0	99,600/45.0	12.0/10.6	15	5.0	14 x 65	18 x 40	375	39x73x25

FCM -Series – Fully Automatic Single Tank (Cabinet) Unit with Meter Initiated Regeneration. Available in 800, 1200 or 1600 Models.

1. These conditioners are designed for hardness removal.
2. Limit of 2 ppm of Ferrous Iron. Add 3 grains per gallon for each ppm of Iron present when sizing.
3. These conditioners will not purify or make your water safe to drink.
4. Water pressure must be between 25 psi and 120 psi.
5. Water temp. must not exceed 110 F & the unit cannot be subject to freezing conditions.
6. See Owner's Manual for specific operating details.
7. Product improvements and design changes subject to change without notice.

HELLENBRAND WARRANTY

Hellenbrand warranties every FM Series in accordance with the Magnuson-Moss Warranty act. Ask your FM Series Dealer for full details.

Dealer Information:



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